

09/763712

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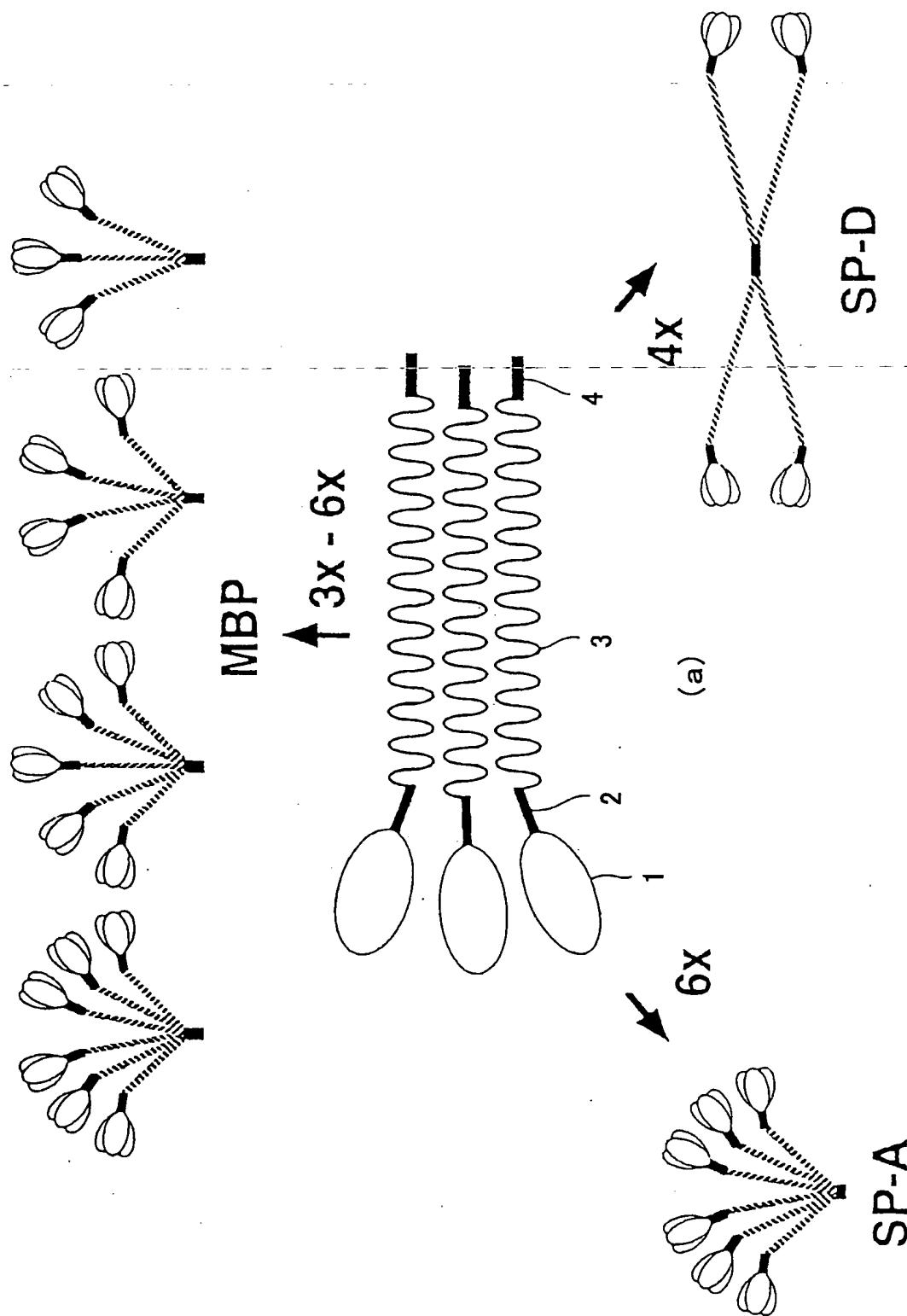


Fig. 1

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2
1

MSLFPSS-LP[IL]LSMVAASYSE[TVTCEDAQK]-CP AVIACSS--PGIN[GFP[GKDGKDGRDQITKGEKGE[P[G
human-SP-A
MWLCP[LA[IL]MA--ASGAACEV[KDVCV
human-SP-D
MLLFL[LL]SAV[LL]Q-PL[GYL[EAMKTYSHRITPSACTLY-MCSSE[GL[PGRDGRDGREGPRGEKGD[P[G
70

IPGTP[GSHGL[EGRD[G[R-DGV[KGDP[GPP[GPM[GPP[G
LPGAA[GQAGMP[GQAGPV[GPKDNGSV[GEP[GPKGD[GPP[GPP[GVP[GPA[GRE[GPL[GKQGNI[GPMQ[GKGP[G
140

PGKLGFP[GNP[GPS[GSP[GPKGQK
QGL[RGL[QGP
CP[GNNGL[P[GAP[GVP[G[E--RGE[K[GEP[GCR[GPP[G
KGEAGPKGEV[GAP[GMQ[GSA[GARGL[GAGPK[GER[GWP[GER[GVP[GNA[GAGSA[GAM[GFP[GCA[GPP[GK[GDK
210

Fig. 2

3
1

human MBP GPG-KSPDGPSSLAA - - - - - SERKALQTEMARIKKWLTFSL[GKQVGNKEF[LTNGEIMTFEKV
 human SP - A - PAHLD EELQATLHD - - - FRH[QILOTRGALS - LOGSI - - - - - MTVGEKVESSNGQSIITFDAL
 human SP - D GIPGD[KGA[KGE[SGL[PDVASL[RQ[QVEALQGQVQHLQAAAFSQYKKV[ELFPN[QSVGEKIFKTA[G[FV[KP[FTEA 280

KALCVKFQASVATPRNAENGAIQN[- - - KEEAFLGITDEKTEGQFVDLTG[NR[LTYT[NWNEGEPNNA[G
 QEACARAGGRIAVPRNPEENEAIAASFVKKNTYAYVGL[EGPSPGDERYSDGTPVNNTWYRGEPA[GRG-
 QLLCTQAGGQLASPRSAENAA[LQQLVAKNEAAFLSMIDSKTEGKFTYPTIGESL[VYSNWA[PGEPNDDGG 350

DEDCVI[L,LKNGQWNIDVPCSTSHIAVCE[PI*
 KEQQCVERMYTD[GQWNDRNC[LYSRLTICEF*--
 SEDCVERIFINGKWNDRACGEKRLV[CEF*--
 1

Fig. 3

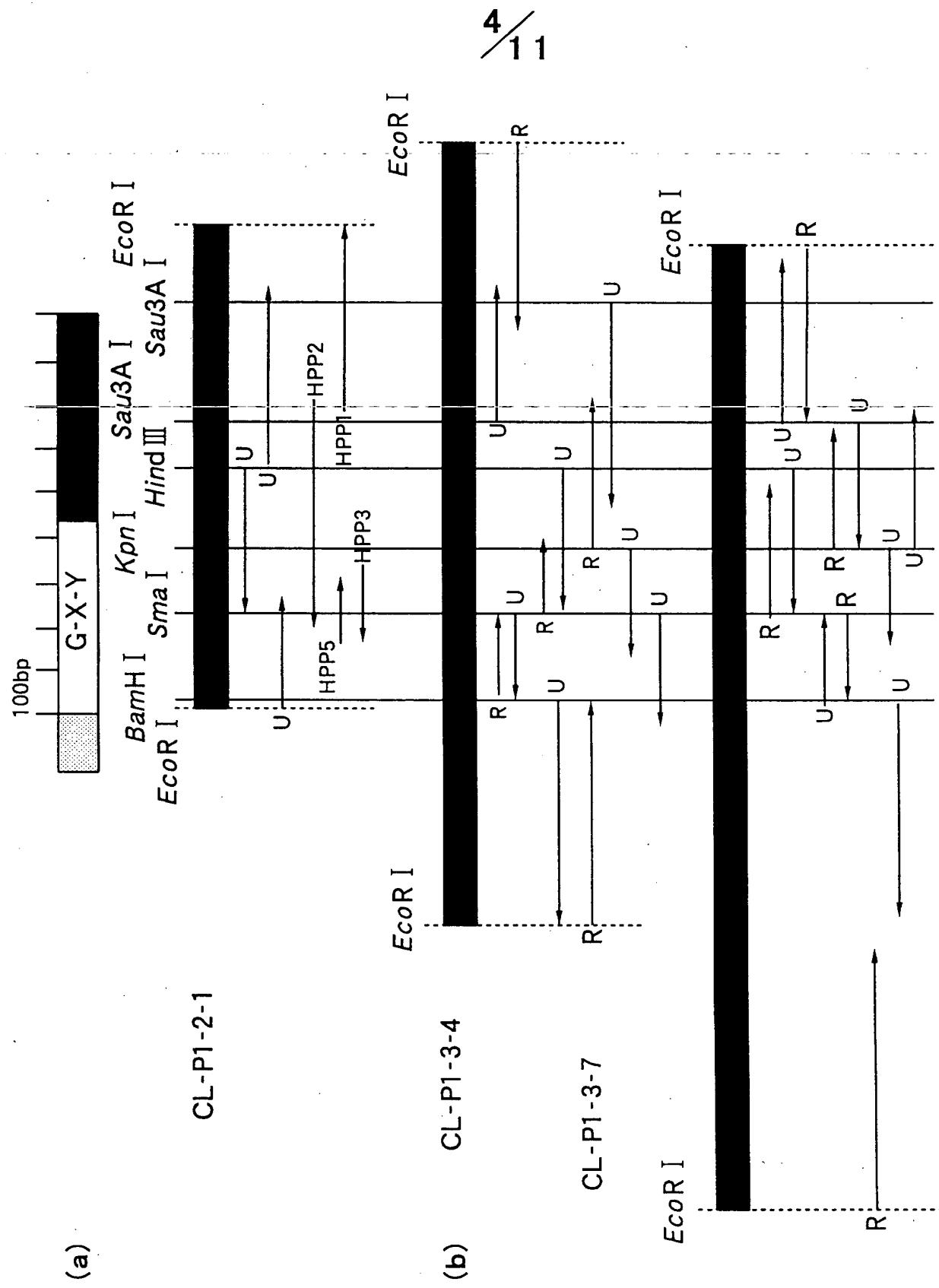


Fig. 4

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10

SLFPS-LP¹LLLSMVAASYSE²TVTCE³AQKT⁴---CPAV⁵ACSS⁶--P⁷CINGF⁸P⁹KDGRDG¹⁰TK¹¹EK¹²EP¹³Q
MLCPLAINT¹⁴ILMA¹⁵ASGA¹⁶--ACEVKDVCV¹⁷--
LLEFL¹⁸S¹⁹AVL²⁰TO-PLGYLE²¹AEMKTY²²SHRTMPSACTLV-MCSSVESGL²³PGRD²⁴RDGREGC²⁵PRGEK²⁶CDP²⁷Q²⁸-PRGD²⁹D³⁰RSQ³¹
QQD³²MR³³SR³⁴DTEV³⁵ANLSVTIM³⁶EMKL³⁷VDSK³⁸HGQ³⁹--L⁴⁰KNFTILQ⁴¹PPG⁴²PRC⁴³--PRGD⁴⁴RSQ⁴⁵
50
55
60
65
70

PGMPG¹--
L²PCAA³Q⁴AG⁵MPGQAG⁶GPVG⁷PGK⁸GDNC⁹SV¹⁰C¹¹EP¹²PGH¹³K¹⁴CDT¹⁵GB¹⁶S¹⁷G¹⁸PPG¹⁹GP²⁰PGV²¹P²²AGREG²³Q²⁴ALGK²⁵OG²⁶GNM²⁷IT²⁸PPQ²⁹K³⁰PCP³¹Q³²CPK³³G³⁴SRG³⁵SPCK³⁶
PPGPT³⁷DNK³⁸C³⁹Q⁴⁰KEK⁴¹GE⁴²PG⁴³PGH⁴⁴A⁴⁵GER⁴⁶E⁴⁷IGB⁴⁸AG⁴⁹PPG⁵⁰ER⁵¹QGK⁵²SKS⁵³
140

Q¹ILRG²I³Q⁴E⁵--
DGRD⁶IVK⁷GDPG⁸PPG⁹EMG¹⁰PPG¹¹--ETPC¹²PPG¹³--
KCEAGE¹⁴EFK¹⁵DEV¹⁶QAPG¹⁷MQGSAC¹⁸GARGT¹⁹IA²⁰AK²¹GER²²CV²³P²⁴NT²⁵Q²⁶AAGSAGAM²⁷G²⁸Q²⁹SPG³⁰C³¹AR³²G³³PPC³⁴GL³⁵K³⁶GDK³⁷
PG³⁸PGES³⁹GDPG⁴⁰PPG⁴¹--PPGKEGT⁴²PGH⁴³QGPP⁴⁴FOGL⁴⁵Q⁴⁶TV⁴⁷EP⁴⁸MEG⁴⁹PGK⁵⁰
210

Fig. 5

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human MBP GSPGKDKOKGDPGKSPDG---DSSL[RE]SERKALQTEMARIKKWLTFSLG-[R]QVGNKFFLTNG[Q]IMT[FE]K
human SP-A GEAERGH[Q]---PG[PA]---[R]ILDEELQATLHDFRHQIILQTRGALSLOGGSIMTVGEKVFSSNGQSIT[DA]
human SP-D GIPGDKGAKGE[SG]LPDVAS[R]QQV[ELF]NG-QSVGEK[IF]KTAGFV[KE]P[TE]
human novel collectin GPPGHPGE---SGAVVPLA[Q]NEPTP[AP]EDNGC---[R]PHW[INF]TD[K]CYYF[SV]EKEI[ED] 280

6
11

VAL[Q]KFEQASVATPRNAAFENGAT[Q]NLI---K[EE]AFL[Q]D[DE]K[TT]EGOFV[DL]T[GN]RL[TT]Y[TT]MNEE[EN]N---
TOEACARAGGRIAVPRNPE[NEA][A]SFVKKYNTYAYVGL[Q]T[EG]PSPGD[FR]YSDG[Q]TPVNYT[IM]YRGEEAG---
AQ[Q]L[Q]TQAGGQ[Q]ASPRSA[AF]NAALQQLW[MAKNEAAFLSMD[SK]TEGKFTYPT[Q]ESL[LV]Y[SN]MAPGE[END]---
AKIF[Q]EDKSSH[Q]VFINTR[Q]QW[Q]KKQMMG-RESHW[Q]GLTD[SER]E[NEW]KMLDG[Q]SPD[Q]K[Q]W[Q]KAGQED[Q]D[NG] 350

--AGSDEDQV[Q]L[Q]KNG[Q]WNDV[Q]POSTS[Q]H[Q]LAVCE[Q]FPI*---
--RG-[Q]EQQVEMYTDG[Q]WNDRNQLYSRLT[Q]DDF*---
--DGGSEDQV[Q]LIFTN[Q]K[Q]WNDRA[Q]GERKLV[Q]VCEF*---
HGHGPGEDQAG[Q]IYAG[Q]WNDFOQEDVNNF[Q]CEKDRET[Q]V[Q]LSSAL* 450

Fig. 6

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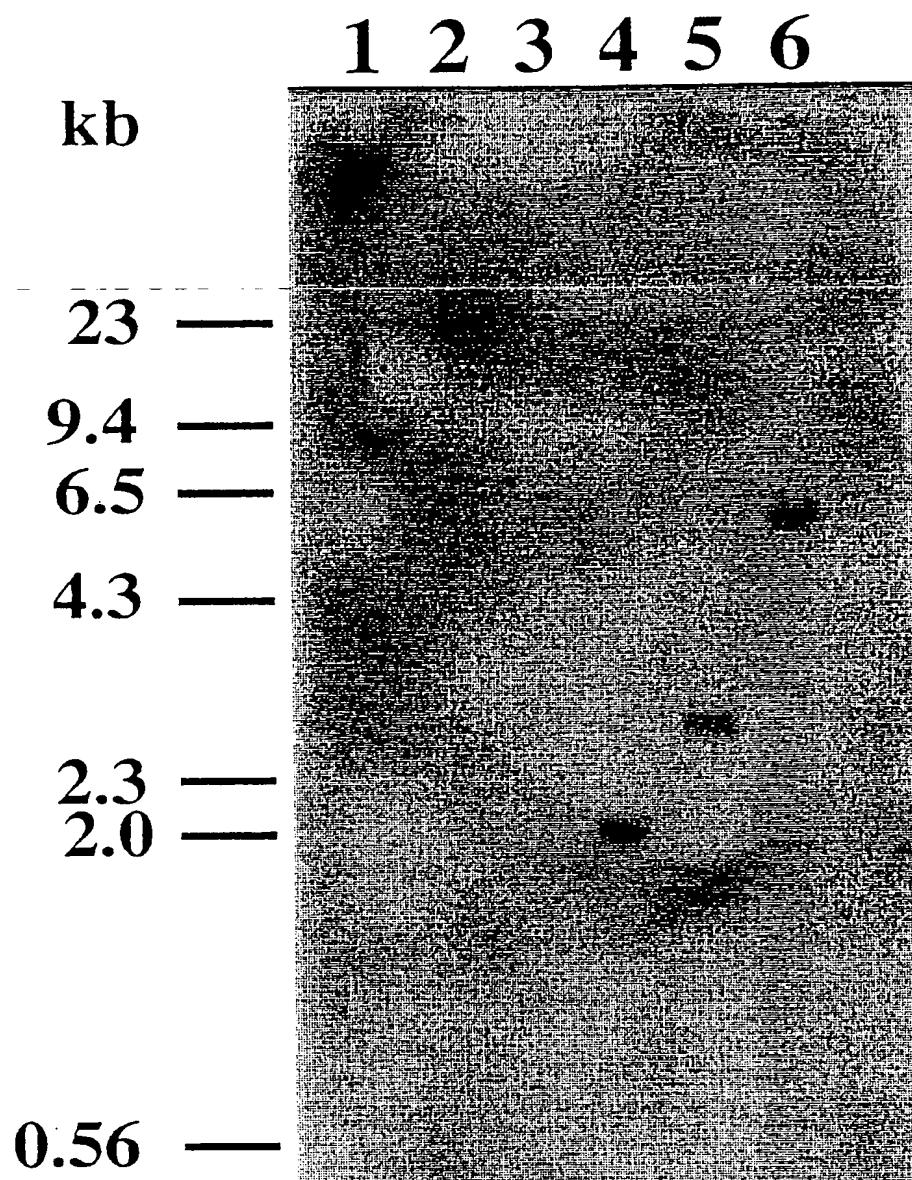


Fig. 7

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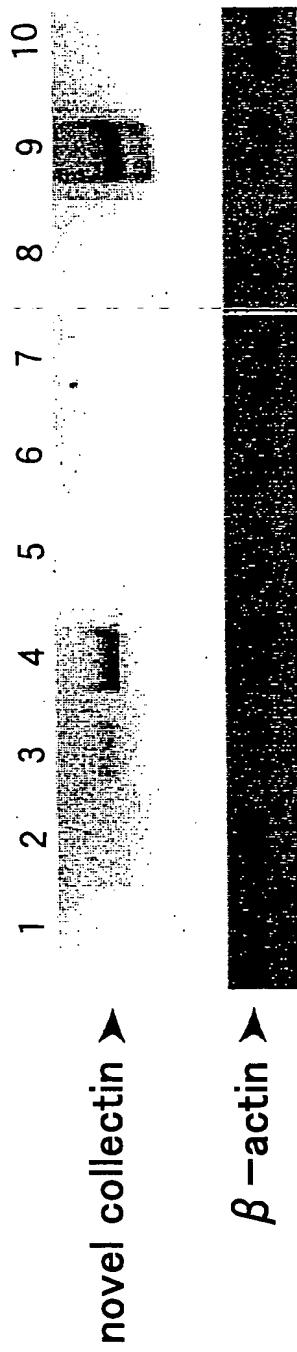


Fig. 8

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1 2 3 4 5 6 7 8

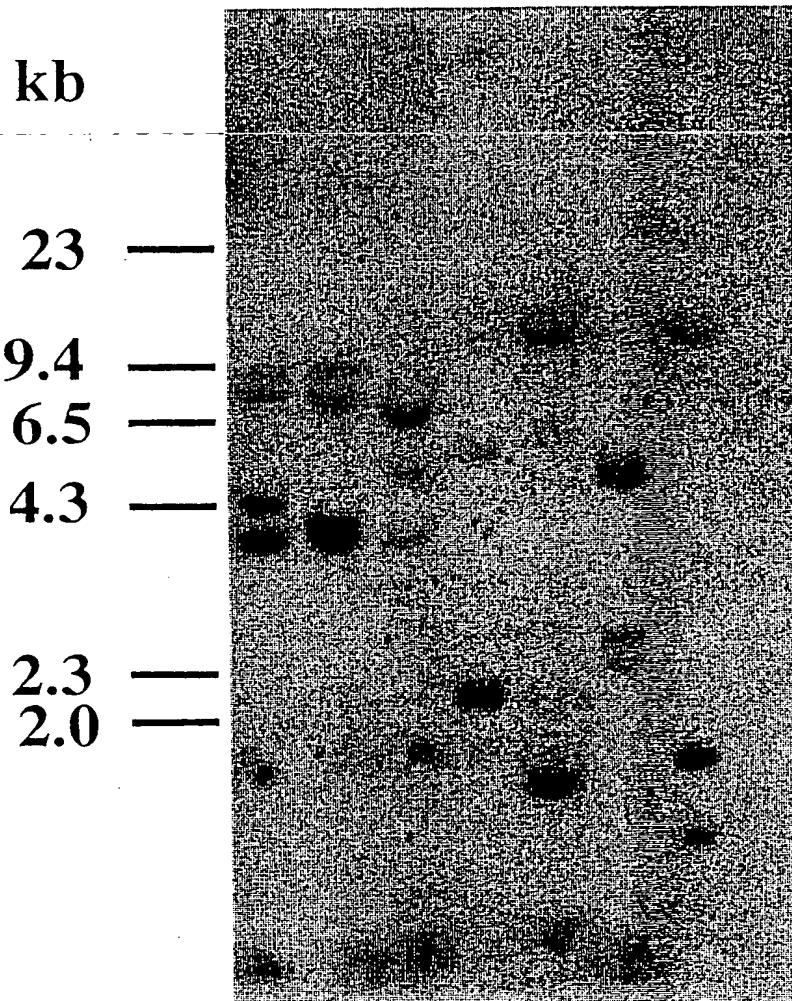


Fig. 9

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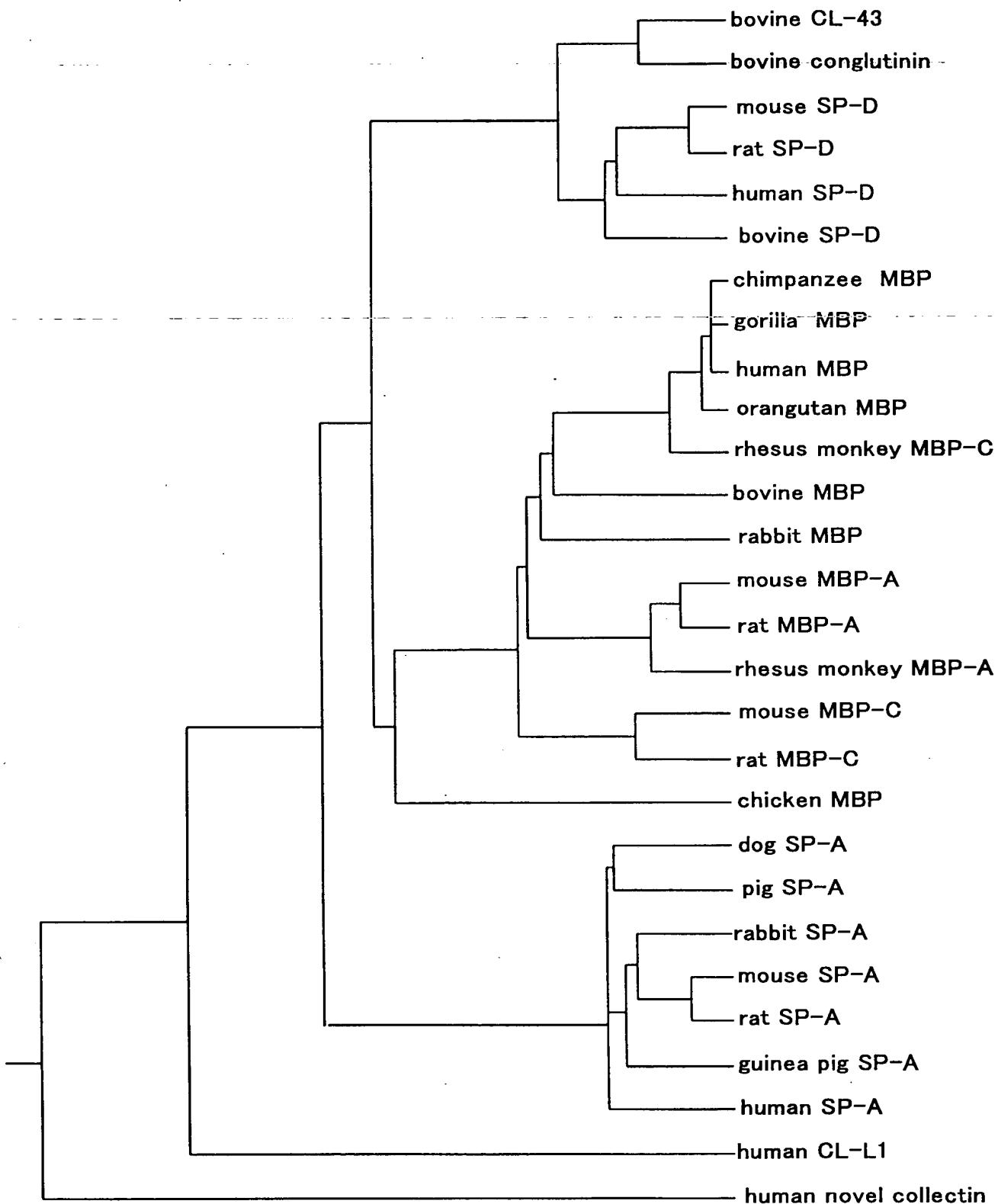


Fig. 10

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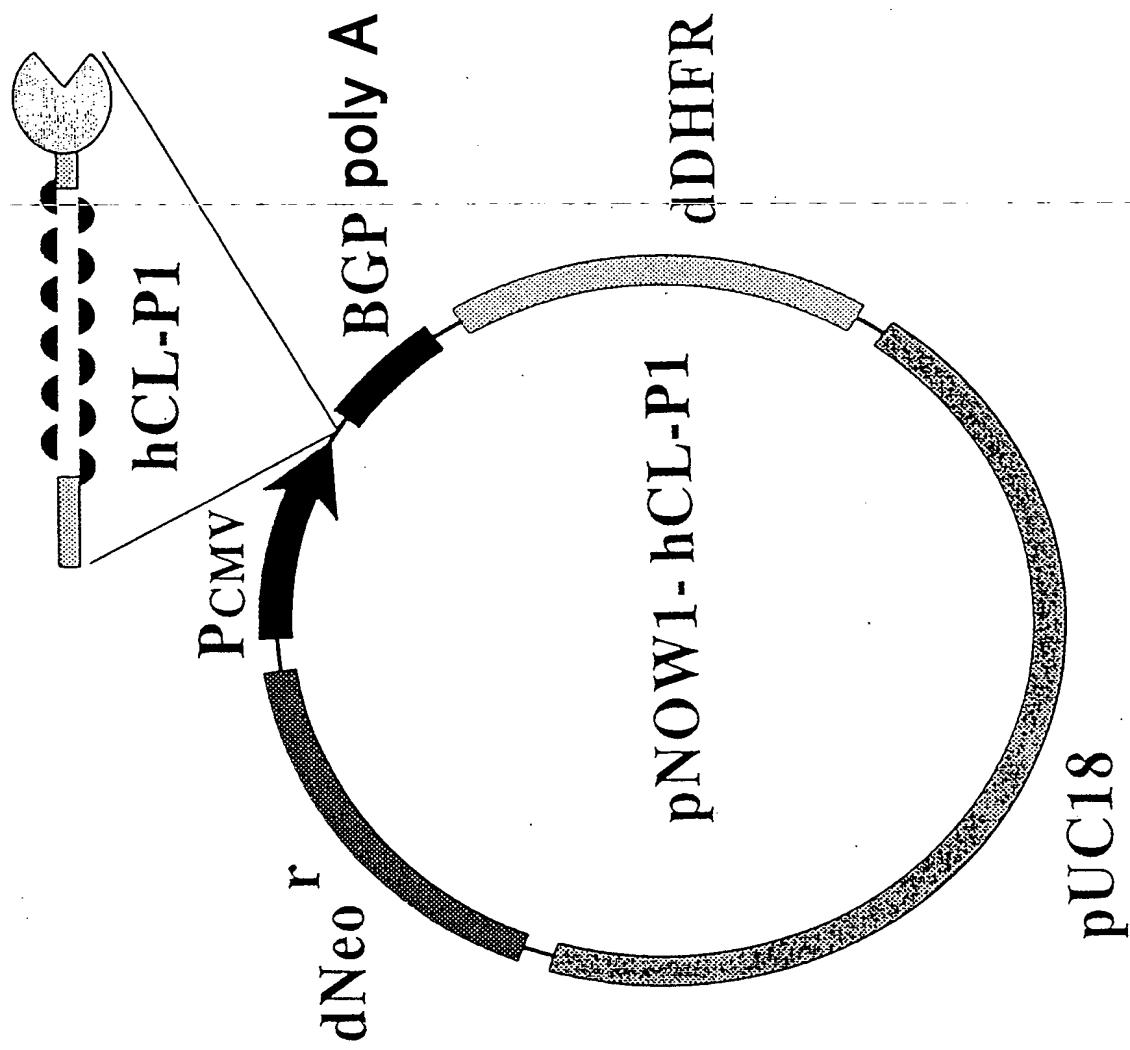


Fig. 11